

StorTrends® 3202j

3U SAS/NL-SAS JBOD Storage System



Highlights

- 3U SAS JBOD device
- Dual Controller StorTrends 3202jD for expansion with the StorTrends 3400i/3500i SAN
- 16 hot-swappable SAS/NL-SAS drives
- Accommodates 1 TB, 2 TB, 4 TB, 6 TB, 8 TB, 10 TB and 12 TB capacity NL-SAS 7,200 RPM hard drives
- Accommodates 300 GB, 450 GB, and 600 GB capacity SAS 15,000 RPM hard drives
- Redundant, hot-swappable power and cooling modules
- External SAS (4x) expansion ports for cascading additional StorTrends JBODs
- Integrates with the Information Lifecycle Management (ILM) module in StorTrends iTX for data migration based on data usage and aging history

The StorTrends™ 3202j is a 3U rack mount JBOD appliance for use in expanding the storage capacity of the dual controller StorTrends 3400i/3500i. The StorTrends 3202j features support for both SAS and near-line SAS (NL-SAS) hard drives, giving users multiple options to combine shelves of disks for a wide range of additional storage needs.

StorTrends iTX Data Storage Software features support for the expansion of up to three StorTrends 3202j JBOD appliances attached to a StorTrends 3400i/3500i head unit, for tremendous capacity expansion that allows organizations to keep several steps ahead of exploding data growth

The StorTrends® 3202j is a robust, high-bandwidth JBOD (Just a Bunch of Disks) storage system with 16 hot-swappable drive bays, for up to 3 JBODs appliances. The StorTrends 3202j is a cost effective JBOD storage system suitable for expanding the storage capacity of the dual controller StorTrends 3400i/3500i SAN.

The 3202j is designed to be plugged in behind a StorTrends 3400i/3500i head unit with StorTrends iTX Data Storage Software for simple capacity expansion, enabling the user to “buy as you grow” as storage capacity requirements increase in the future. The external SAS ports provide the connectivity and bandwidth for large capacity solutions requiring multiple cascaded StorTrends JBODs. When populated with high performance, highly reliable SAS drives, the StorTrends 3202j is ideally suited for enterprise-level transactional applications such as modeling, simulation and billing. With high capacity NL-SAS drives, the StorTrends 3202j can be optimized for reference and high-bandwidth data applications such as disk-based backup, document imaging and video surveillance.

Add an additional 32, 48, 64, 124 or 256 TB of raw storage capacity with additional JBODs to the existing storage array. For performance applications, add an additional 4.8, 7.2 or 9.6 TB of raw storage capacity to the existing storage array with high-performance 300 GB, 450 GB or 600 GB SAS drives.

Users who expand their capacity with a StorTrends 3202j can take advantage of the Information Lifecycle Management (ILM) module featured in the StorTrends iTX Data Storage Software powering the head unit. The ILM module provides the capability to migrate data from front line SAN and NAS storage to less expensive JBOD storage based on the data’s usage and aging history.

To ensure data availability and system reliability, the StorTrends 3202j includes fully redundant, hot-swappable I/O, power and cooling modules, all of which are field replaceable. Key system components are constantly monitored to ensure continuous operation in case of disk failure or an I/O module, power supply or cooling unit malfunction and can be viewed at a glance through the ManageTrends™ Health Monitoring window in StorTrends iTX.



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StorTrends 3202j 3U SAS/NL-SAS JBOD System Features

Form Factor:

Rack mount 3U Chassis with 16 Drive Bays

Controller Options:

Dual Controller StorTrends 3202jD for use with StorTrends 3400i/3500i SAN

Drive Interface:

SAS (15000 RPM) and near-line SAS (7200 RPM) compatibility

Drive & Storage Capacity:

Sixteen 3.5" hot-swap SAS/NL-SAS drives with hot-spare

Expansion Slots:

External SAS (4x) ports (SAS IN Port and SAS Expansion Ports) for cascading additional StorTrends JBODs

LED Indicators:

LED status indicator support for drives, FRU and enclosure environmental information

Integrated Hardware Health Management:

In-band hardware health management alerts user to out of spec operation: thermal condition, voltage condition or component failures, protecting data and hardware

Power Supply:

AC 90V - 264V Full Range, 10A - 5A, 47Hz - 63Hz, dual hot swap and redundant with PFC, N+1 design

Operating Temperature:

10°C - 40°C (50°F - 104°F)

Relative Humidity:

10% - 85%, Non-condensing

Dimensions (H x W x D):

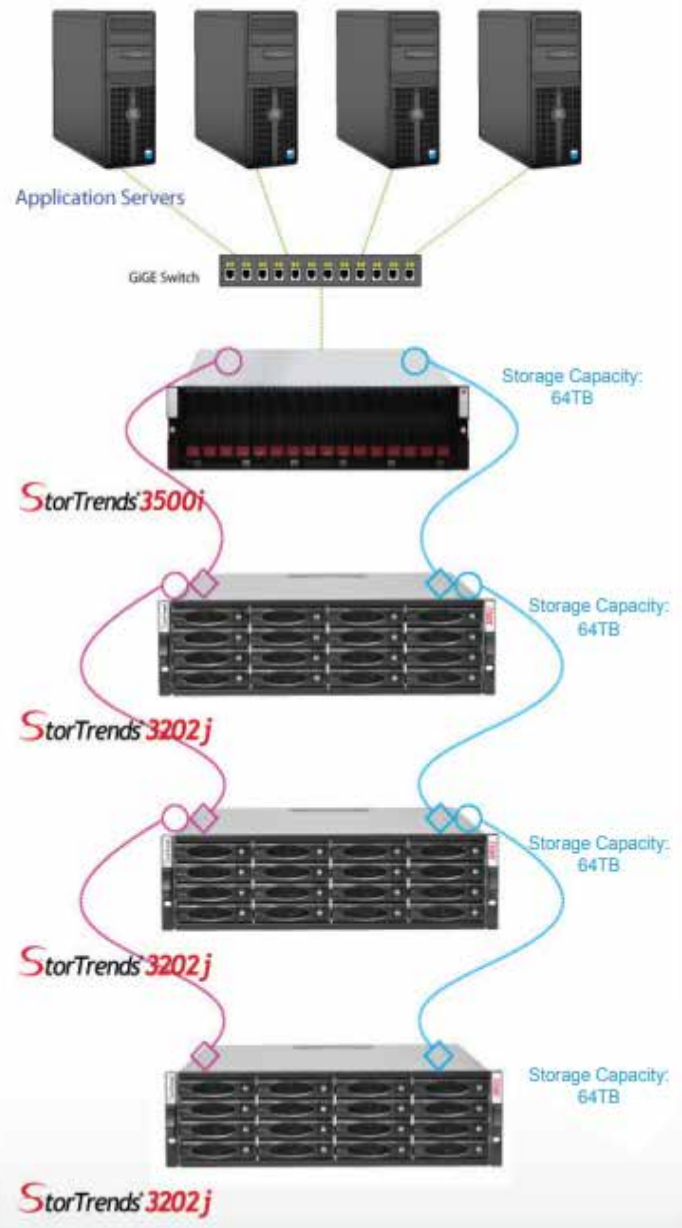
13.1 x 48.2 x 59.0 cm (5.2 x 19.0 x 23.2 in)

Weight:

24 kg (52.8 lbs.) without drives; 32 kg (70.4 lbs.) with 16 drives*

*Assume each hard drive = 0.5 kg

Sample JBOD Configuration: StorTrends 3400i IP-SAN Head Unit with StorTrends 3202j JBOD Unit



Original Storage Capacity: 64TB
Capacity Added with 3 JBODs: 192TB
Total Storage Capacity: 256TB